

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listing of claims in the application:

LISTING OF CLAIMS:

Claim 1 (Currently amended) A granulated fertilizer ~~whose components are iron, zinc, manganese, copper, molybdenum, sulphur and~~ comprising a mixture of 45 to 57 wt. % of clay, wherein its concentrations are iron from 11 [[%]] to 13 wt. % of iron, zinc from 3 [[%]] to 9 wt. % of zinc, manganese from 0.1 [[%]] to 2.5 wt. % of manganese, copper from 0.5 [[%]] to 0.7 wt. % of copper, molybdenum from 0 [[%]] to 0.1 wt. % of molybdenum, sulphur from 7 [[%]] to 10 wt. % of sulphur, and from 0.05 to 0.3 wt. % of a bonding agent, the mixture being formed into ~~45 % to 57 % of clays, giving as a result a pellets having with a size in a range of 1.5 to 4.5 millimeters ,using a bonding agent. All percentages in weight are based on the total weight of the fertilizer.~~

Claim 2 (Currently amended) A granulated fertilizer according to claim 1, ~~characterized in that~~ wherein said iron is monohydrated iron sulphate or heptahidrated iron sulphate.

Claim 3 (Currently amended) A granulated fertilizer according to claim 1,
~~characterized in that~~ wherein said zinc is monohydrated zinc sulphate.

Claim 4 (Currently amended) A granulated fertilizer according to claim 1,
~~characterized in that~~ wherein said manganese is monohydrated manganese sulphate.

Claim 5 (Currently amended) A granulated fertilizer according to claim 1,
~~characterized in that~~ wherein said copper is heptahydrated copper sulphate.

Claim 6 (Currently amended) A granulated fertilizer according to claim 1,
~~characterized in that~~ wherein said molybdenum is tetrahydrated ammonium molybdate.

Claim 7 (Currently amended) A granulated fertilizer according to claim 1,
~~characterized in that~~ wherein said clay is [[a]] selected from the group consisting of
caolinite, ~~illite or montmorillonite~~ illite or a mixture thereof ~~any of the above in any~~
~~proportion.~~

Claim 8 (Currently amended) A granulated fertilizer according to claim 7,
~~characterized in that the~~ wherein said mixture of clays contains from 0 to 15% iron, based
on ~~the~~ a total weight of the mixture of clays.

Claim 9 (Currently amended) A granulated fertilizer according to claim 1,
~~characterized in that the~~ wherein said bonding agent is a calcium oxide ~~in a concentration~~
of 0.05 to 0.3%, based on the total weight of the fertilizer composition.

Claim 10 (Currently amended) A granulated fertilizer according to claim 1,
~~characterized in that that~~ wherein said pellets are ~~[[is]]~~ 100% soluble in a period of
approximately 30 minutes at a temperature of 25°C.

Claim 11 (Currently amended) A granulated fertilizer according to claim 1,
~~characterized in that the~~ wherein said granulated fertilizer has a pH of 3.5 to 5.

Claim 12 (Currently amended) A granulated fertilizer according to claim 1,
~~characterized in that the~~ wherein said granulated fertilizer has a moisture of 2 to 6%.

Claim 13 (Currently amended) A granulated fertilizer according to claim 1,
~~characterized in that the~~ wherein said granulated fertilizer has a hardness of 1.9 to 2.3
Kg/cm².

Claim 14 (Cancelled).

Claim 15 (Currently amended) A method for preparing a fertilizer, comprising the
steps of: ~~like the one quoted in claim 1, characterized by~~

[[-]] mixing ~~the~~ iron sulphate, zinc sulphate, copper sulphate, manganese sulphate,
ammonium molybdate and 45 to 57 wt. % of a pulverized clay formed of one of
~~montmorillonite, illite~~ illite, [[or]] caolinite ~~clay~~ or a mixture thereof until a homogeneous
mixture of dusts is obtained to provide 11 to 13 wt. % of iron, 3 to 9 wt. % of zinc, 0.5 to
0.7 wt. % of copper, 0.1 to 2.5 wt. % of manganese, 0 to 0.1 wt. % of molybdenum and
7.0 to 10 wt. % sulphur as micronutrients;

[[-]] feeding said ~~this~~ mixture onto a pelletizing plate;

[[-]] ~~added to this mixture,~~ spraying a bonding agent in the form of a mixture of
water and calcium oxide ~~, as a bonding agent, by means of a sprinkler~~ to mix with said
mixture on said pelletizing plate;

~~[[-]] let remain all this mixture on the pelletizing plate enough time to obtain pellets;~~

~~[[-]] feeding formed the pellets into a drying oven where they will lose to reduce a moisture and will later be sifted content thereof; and~~
sifting the dried pellets to obtain pellets having a size range of 1.5 to 4.5 millimeters.

Claim 16 (New) A granulated fertilizer according to claim 9, wherein said calcium oxide composition is calcium hydroxide, and said granulated fertilizer has a pH of 3.5 to 5.

Claim 17 (New) A granulated fertilizer according to claim 1, wherein said clay is formed substantially of caolinite

Claim 18 (New) A granulated fertilizer according to claim 1, wherein said clay is formed substantially of illite.

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Claim 19 (New) The method according to Claim 15, wherein the step of feeding formed pellets into a drying oven includes the step of drying the formed pellets in a multi-section oven having temperatures that vary from 90° C to 40° C.

Claim 20 (New) A granulated fertilizer comprising a mixture of 45 to 57 wt. % of a pulverized clay formed substantially of caolinite, 11 to 13 wt. % of iron, 3 to 9 wt. % of zinc, 0.1 to 2.5 wt. % of manganese, 0.5 to 0.7 wt. % of copper, 0 to 0.1 wt. % of molybdenum, 7 to 10 wt. % of sulphur, and a bonding agent defined by a calcium hydroxide, and said mixture having a pH of 3.5 to 5.